SIMARINE

We believe in freedom

Meet Caravan Control - your traveling buddy

www.simarine.net

We bel

ieve in endless joy

and summer sun sets

That is why we developed Caravan Control - one of the most advanced control panels for camper vans and caravans.

Yes. Our statement is **bold**. Turn the page and see why we dare to say it.

Jaro Žuraj
Co-founder

CARAVAN CONTROL

No more guessing how much water is left in the tank. Thanks to multiple calibration points, Caravan Control can measure fluids to the liter.

High precision monitoring for van lovers

Do you know what exactly is burning the most of your battery? Refrigerator? Lights? Radio? Maybe your brand new coffee maker? Caravan Control shines the light on the one with cravings.

Rather than guessing, use real data. Caravan Control allows you to monitor
consumer and generator devices using dedicated micro-shunts.

No more guessing how much water is left in the tank. Thanks to multiple calibration points, Caravan Control can measure fluids to the liter.

Advanced battery monitoring for lead type and lithium batteries - Monitoring with integrated shunt

High precission tank monitoring
10 calibration points for asymmetric tank shapes

Temperature monitoring
Multiple sensors for inside, outside, fridge etc...

Consumer and generator individual monitoring
Monitoring of consumer and generator devices using micro shunts

We believe in
simplicity.

Easy and seamless integration without fastener. Manage settings via intuitive app. Save them for a specific vehicle type and apply them to the entire vehicle line. It's a real time saver!

SAVE and RESTORE settings within seconds
(note - settings can also be locked to factory settings).

Control panel that fits into your pocket

Download our app and monitor battery, tank and temperature or manage lightning also outside your van. Romantic mood is now a matter of seconds.

Graphical interface you will easily understand and manage. Simple and clear system, similar to your smartphone.

Are there any metrics you would like to especially control? Set the custom alarms and notifications.

integrated WiFi connectivity

Dedicated android and iphone apps for status review and settings
- easily check your battery or water level / live status view
- turn off the lights while seating outside / remote switching over WiFi

Settings save and restore with autosave for end customer
- Save settings for a specific type of vehicle and easily clone it to the whole serie
- every customer's change of settings can be easily restored to previous version
  (remark - settings can also be locked to factory settings)

Easy to use graphical interface

Custom alarms and notifications

GET IT ON Google Play

Download on the App Store

We believe in **beauty.**

From inside and outside.

Caravan Control panel holds a design you will no longer want to hide in your van. If it's heart is advanced high quality electronics than anodised aluminium casing and tactile buttons represent it's gentle skin, your van lovers will want to touch it again and again. **Feelings of cosiness, comfort and homeliness are guaranteed!**

automatic backlit tactile buttons

automatic dimming of the screen using the integrated light sensor
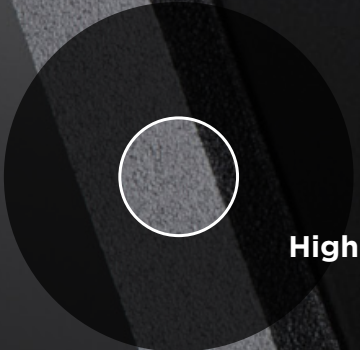

optically-bonded (deep blacks, high contrast) wide viewing angle IPS 3.5 inch screen

5mm thicknness

High quality anodised aluminum casing

SIMARINE

1013.1mb

12:35
25/06/2016

CLOUD BASED REMOTE MANAGMENT (2022)

avalible soon

LOCATION TRACKING

ANALYTICS

REMOTE SERVICE

FLEET MONITORING

REMOTE MANAGEMENT
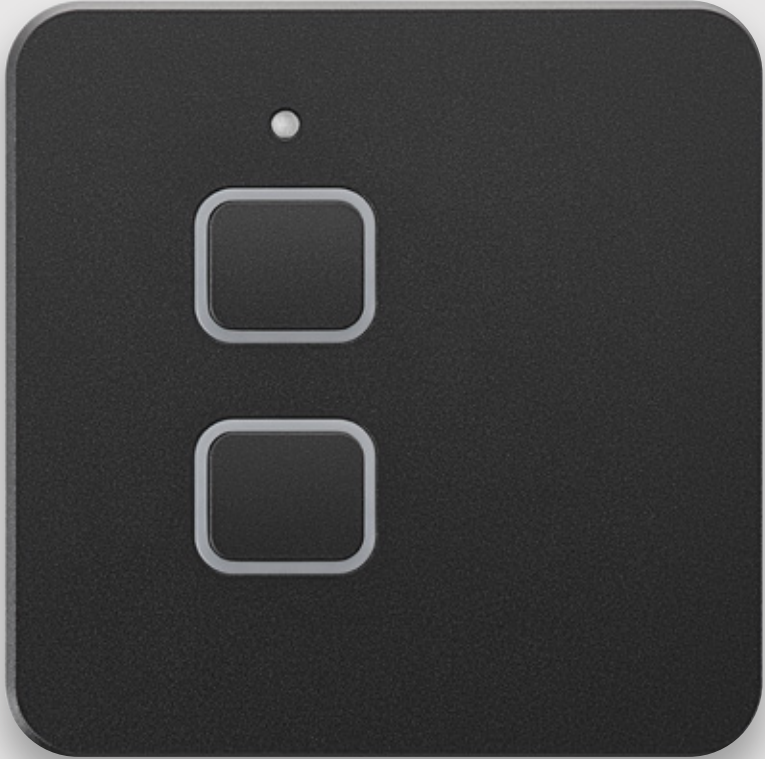
OVER-THE-AIR UPDATES

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DIGITAL ANODISED ALUMINUM LIGHT SWITCHES WITH INTEGRATED DIMMERS

CONTROL PANEL FOR CARAVANS

Battery, Tank & Temperature Monitoring

Butane & Propane Level Monitoring

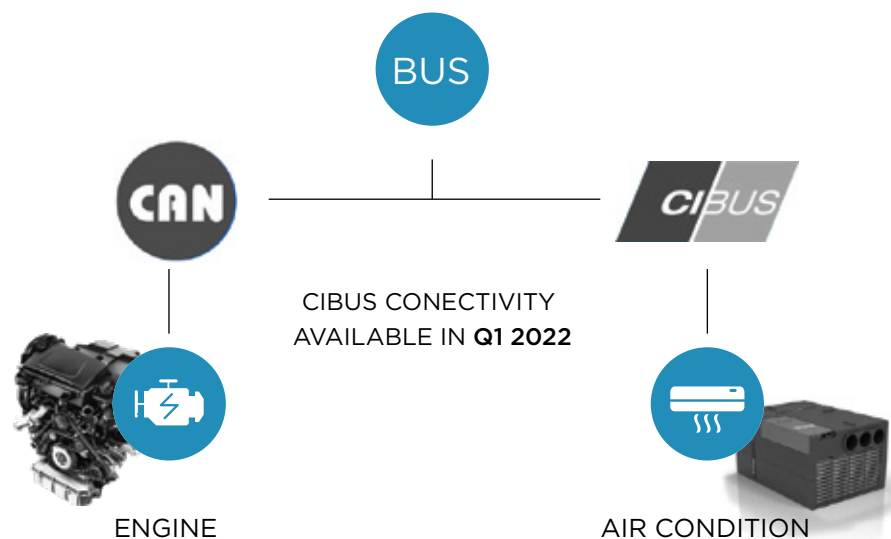**Service Data Display**

Remote Management via Smartphone Apps

Cloud Platform

Dislocated Power Electric Section

Wi-Fi

Settings Save & Restore

BUS

CAN

CIBUS

CIBUS CONECTIVITY
AVAILABLE IN **Q1 2022**

ENGINE

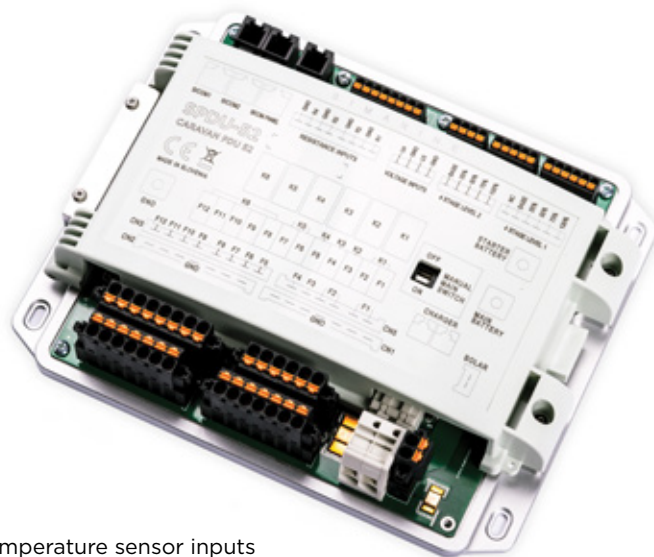AIR CONDITION

Operating	
Voltage range	6–35V
Temperature range	From –10 to +70°C (from +10 to +160°F)
Power consumption at 12V	
Operating, Wi-Fi on, 100% illumination	90mA
Operating, Wi-Fi off, 70% illumination	35mA
Stand by, Wi-Fi off, 0% illumination	18mA
Power off, Logger still active	5mA
Resolution	
Current	±0.01A
Voltage	±0.01V
Amp hours	±0.1Ah
State of charge (0–100%)	±0.1%
Temperature	±0.1°C/°F
WiFi	
Radio frequency bands	2.4GHz
Dimensions (without connector)	
Caravan panel	157.10 x 82.10 x 5.60mm 6.18 x 3.23 x 0.22in
Connectivity	Up to
Batteries	6
Shunts	24
Temperature sensors	10
Tank level sensors	14
Inclinometer sensors	2
Smartphone application	1
Logger capacity	up to 3 months

POWER DISTRIBUTION UNIT SPDU52

Simarine SPDU-52 power distribution unit is a very versatile module. It's purpose is to power other modules and shunts, which are used by the Caravan Panel.

- **12V** monitoring system

- **4x** resistive tank level senders or temperature sensor inputs

- **2x** 4-stage tank level inputs

- **2x** voltage inputs for battery voltage or ultrasonic tank level senders

- **50A** shunt for 12V service battery, current monitoring

- **15A** shunt for solar with current monitoring

   (MPPT solar regulator not included)

- **40A** Power Charger input, current monitoring

- **10+2** fused outputs, maximum 50A total current;

- **6x** relay outputs 5-20A, controllable from main control panel

Operating Voltage range	
Main battery	8–22VDC
Starter battery	8–22VDC
Temperature range	From −10 to +70°C (from +10 to +160°F)
Power consumption at 12V	
Operating	15mA
Power off	0,25mA
Current measuring	
Channel 1 (solar)	0–25A
Channel 2 (charger)	0–50A
Channel 3 (main battery)	0–100A
Channel 4 (starter battery)	0–50A
Accuracy	±2%
Resolution	±0,1 A
Sample rate	100ms
Voltage measuring on any channel	
Range	0–35VDC
Accuracy	±0,5%
Resolution	10mV
Resistance measuring on any channel	
Range	0–65kohm
Accuracy	±3%
Resolution	1ohm
Temperature measuring (on resistance inputs)	
Temperature sensor	NTC 5K
Range	From -15 to +80 °C (from +10 to +160°F)
Resolution	3%
Maximum continuous current for output channels	
K1	20A
K2	20A
K3	15A
K4	15A
K5	10A
K6	10A
All channels simultaneously	50A
Contact continuous current rating	
Outputs F1–F12	20A
Charger	40A
Solar	20A
Dimensions (without connector)	
SPDU-52	200 x 160 x 42 mm 7,87 x 6,3 x 1,65in
Caravan Panel	157 x 82 x 25 mm 6.18 x 3.23 x 0.22in
System capabilities (with additional modules)	Up to

SDI01 INCLINOMETER

SDI01 is a high-resolution digital inclinometer for pitch and roll with manual calibration. It is fully compatible with existing SIMARINE monitoring systems. The module was designed so that configuration and calibration of the inclinometer is quick and user friendly.

The SDI01 digital inclinometer has the following connections:

- 1 CURRENT INPUT UP TO 300A

- 2 VOLTAGE INPUTS

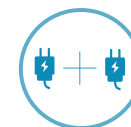- 1 TEMPERATURE INPUT

QUADRO SHUNT SCQ25

SCQ25 is an innovative shunt module for monitoring individual consumers and generator with 4x current sensors up to 25A each. For 12V and 24V systems.

Operating	
Voltage range	6 - 35 V
Temperature range	-20 – 70 °C (-4 – 158 °F)
Power consumption at 12V	
Operating	**2.5 mA**
Current Measuring (per channel)	
Range	0.01 – 25 A
Accuracy	0.6 %
Resolution	0.01 A
Sampling rate	100 ms
Maximal current	
Continuous	25 A
Peak current	(<1min) 35 A
Dimensions	**183x91x34 mm**
Connectivity	**Up to**
Shunt	4
SICOM port	2

CONNECTION POSSIBILITIES:

- Refrigerator

- Freezer

- Instruments

- Lights

- Solar panels

- Shore power

- Wind generator

- Hydro generator

The channels can be combined to reach higher amperage if neccessary.

Up to four SCQ25/SCQ25T modules can be connected to a PICO system

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